

Diary

YAO lanqiu

Week 1 began at Jun. 23th.

Week1-3

Designed the primers for sushi peptide, and did two step PCR to construct the gene of sushi peptide.

Got the sequence of pelB-linker-Sushi, constructed clonings of pelB-linker-Sushi in plasmid pSB1C3&pSB1A3, standardized part finished.

Week 4-5

Did the Gibson Assembly of INP-G S linker-TEV protease.

Week 6-7

Tested the killing effect of sushi peptide

Week 8

Found a suitable way to test the growth curve of algae

Week 9-10

Found that hen egg lysozyme has a good killing effect against algae.

Week 11-12

Test the killing effect of hen egg lysozyme, did the clone and let *E.coli* expressed hen egg lysozyme.

Week 13

Did the clone of immunity system of *E.coli*